

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Matsui, et al. Art Unit : Unknown
Serial No. : to be assigned Examiner : Unknown
Filed : March 26, 2004
Title : THERMOSTABLE ENZYMES HAVING AMINOTRANSFERASE ACTIVITY,
NUCLEIC ACIDS ENCODING THEM AND METHODS OF MAKING AND
USING THEM

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the three (3) attached forms PTO-1449.

The references were cited in the parent application and copies were submitted therewith, therefore no copies are being submitted with this filing as the copies should already be available to the U.S. Patent Office. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: _____

3/26/04



Joseph R. Baker, Jr.
Reg. No. 40,900

Fish & Richardson P.C.
PTO Customer No. 20985
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

10380174.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 399290689 US

March 26, 2004

Date of Deposit

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13558-002001	Application No. 09/967,645
		Applicant Matsui, et al.	Examiner Yong Pak
		Filing Date September 28, 2001	Group Art Unit 1652

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE							
	AF							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AG	Sung et al. SwissProt Database - Accession #P23034. 1991.
	AH	Kawarabayasi et al. PIR Dtabase - Accession #E71009. 1998.
	AI	
	AJ	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13558-002001	Application No. 09/967,645
	Applicant Matsui, et al.		
	Filing Date September 28, 2001	Group Art Unit 1636	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	WO 97/29187	Aug 14 1997	WIPO				
	AG							
	AH							
	AI							
	AJ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AK	Kawarabayashi, Y., et al., "Complete Sequence and Gene Organization of the Genome of a Hyper-Thermophilic Archaeobacterium, <i>Pyrococcus Horkoshii</i> OT3", <u>DNA Research</u> , Universal Academy Press, JP, Vol. 5, 1998, pp 55-76
	AL	
	AM	
	AN	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13558-002001	Application No. 09/967,645
	Applicant Matsui, et al.		
	Filing Date September 28, 2001	Group Art Unit To be assigned	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG							
	AH							
	AI							
	AJ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AK	Andreotti, G. et al., "An extremely thermostable aromatic aminotransferase from the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> " Biochimica et Biophysica Acta (1995) Vol. 1247, No. 1 p. 90-96.
	AL	Mai, X. et al., "Indolepyruvate Ferredoxin Oxidoreductase from the Hyperthermophilic Archaeon <i>Pyrococcus furiosus</i> ", J. of Biological Chem. (1994) Vol. 269, No. 24 p. 16726-16732.
	AM	Watson, R.J. et al., "Cloning and Nucleotide Sequencing of <i>Rhizobium meliloti</i> Aminotransferase Genes: an Aspartate Aminotransferase Required for Symbiotic Nitrogen Fixation Is Atypical", J. of Bacteriology (1993) Vol. 175, No. 7 p. 1919-1928.
	AN	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	